

## CLAIMS

1. A chemical filter comprising an adsorption layer of an organic porous ion exchanger having a continuous pore structure comprising macropores and mesopores, the macropores being interconnected with each other forming mesopores with an average diameter of 5 to 1,000  $\mu\text{m}$  in the interconnected parts, and having a total pore volume of 1 to 50 ml/g, uniformly distributed ion exchange groups, and an ion exchange capacity of 3.0 mg eq./g or more on dry basis.

2. The chemical filter according to claim 1, wherein the organic porous ion exchanger is an organic porous cation exchanger or an organic porous anion exchanger.